

Maximum Performance Mode			Battery Optimized Mode		
Frequency	Voltage	Max. Power Consumption	Frequency	Voltage	Max. Power Consumption
500 MHz	1.1 V	8.1 W	300 MHz	.975 V	4.5 W
600 MHz	1.1 V	9.7 W	300 MHz	.975 V	4.5 W
600 MHz	1.35 V	14.4 W	500 MHz	1.10 V	8.1 W
600 MHz	1.6 V	20.0 W	500 MHz	1.35 V	12.2 W
650 MHz	1.6 V	21.5 W	500 MHz	1.35 V	12.2 W
700 MHz	1.6 V	23.0 W	550 MHz	1.35 V	13.2 W
750 MHz	1.35 V	17.2 W	500 MHz	1.10 V	8.1 W
750 MHz	1.6 V	24.6 W	550 MHz	1.35 V	13.2 W
800 MHz	1.6 V	25.9 W	650 MHz	1.35 V	15.1 W
850 MHz	1.6 V	27.5 W	750 MHz	1.35 V	16.1 W
900 MHz	1.7 V	30.7 W	700 MHz	1.35 V	16.1 W
1 GHz	1.7 V	34.0 W	700 MHz	1.35 V	16.1 W

Fig. 1 Prior art

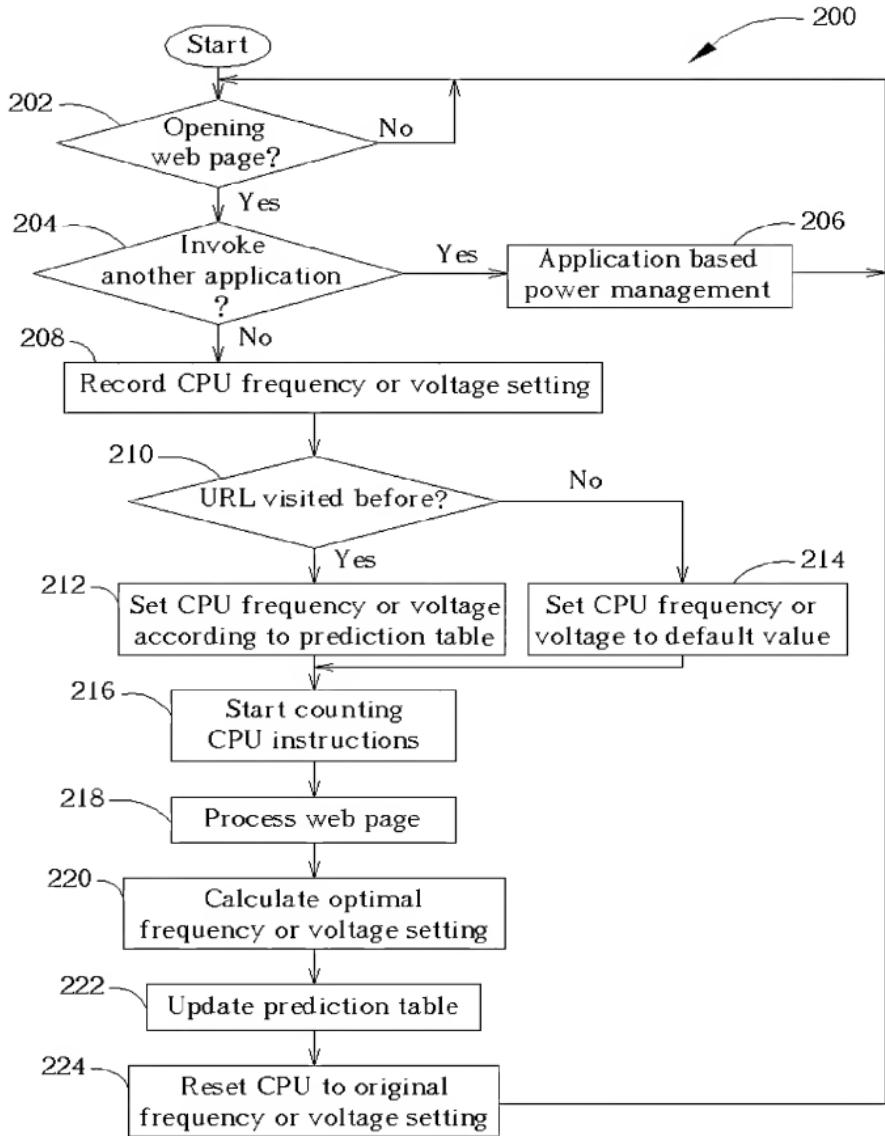


Fig. 2

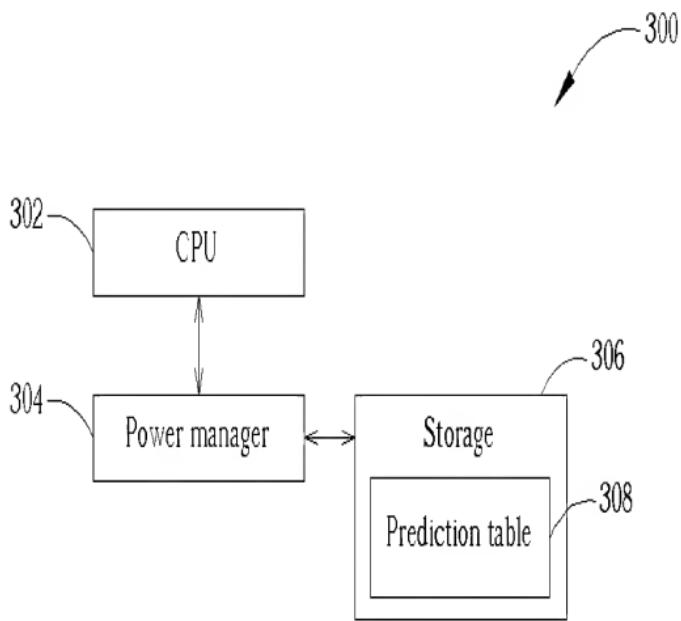


Fig. 3

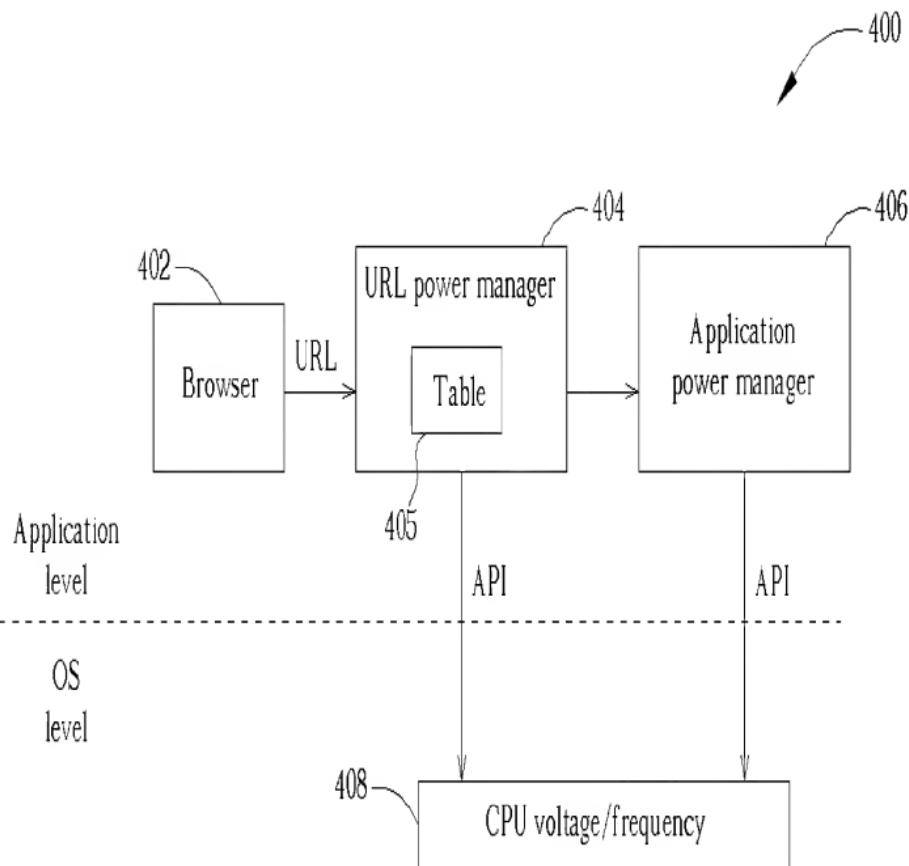


Fig. 4

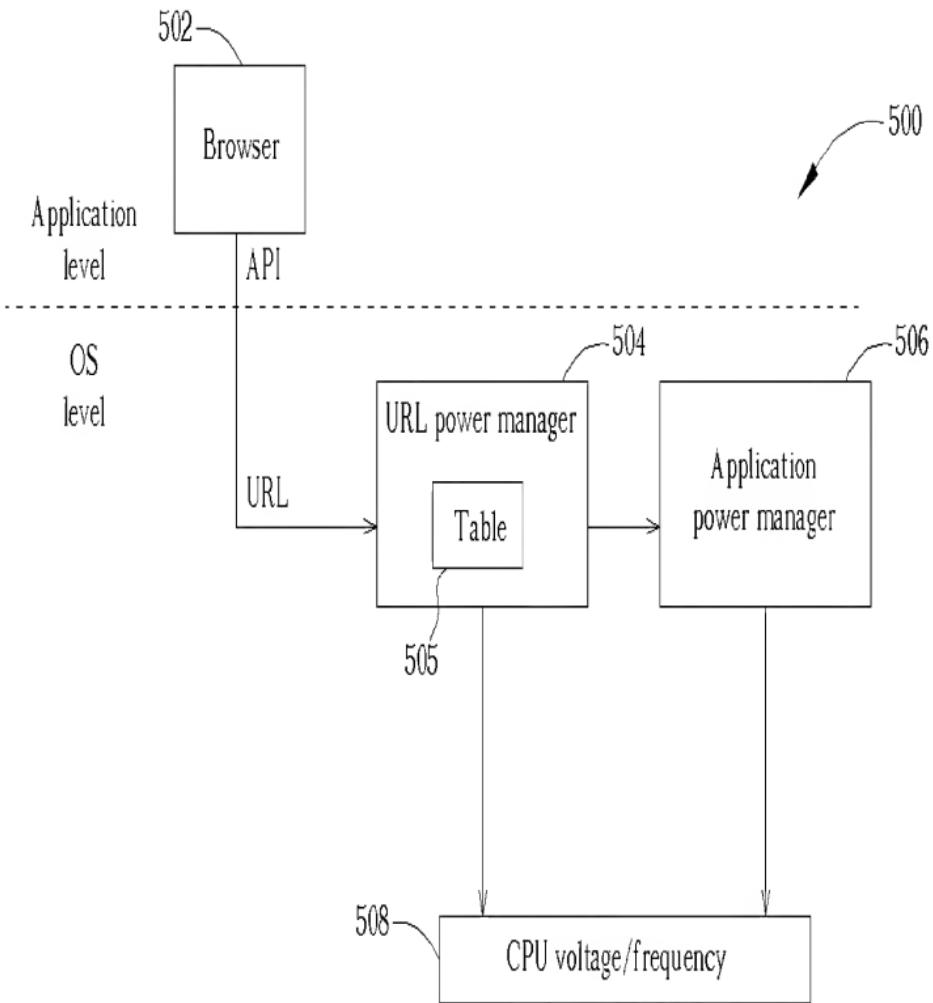


Fig. 5